2021 CERTIFICATION

Consumer Confidence Report (CCR)

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Jackson, MS 39215

PRINT Public Water System Name

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List PWS ID #s for all Community Water Systems included in this CCR

CCR DISTRIBUTION	(Check all boxes that apply)	
INDIRECT DELIVERY METHODS (Attach copy of public	ication, water bill or other)	DATE ISSUED
LAdvertisement in local paper (Attach copy of advertisement	nt)	6.21.22
□ On water bill (Attach copy of bill)		
□ Email message (Email the message to the address below)		
□ Other (Describe:		
DIRECT DELIVERY METHOD (Attach copy of publicati	on, water bill or other)	DATE ISSUED
□ Distributed via U.S. Postal Service	· · · · · · · · · · · · · · · · · · ·	
□ Distributed via E-mail as a URL (Provide direct URL):		
□ Distributed via Email as an attachment		
□ Distributed via Email as text within the body of email	message	
Published in local newspaper (altach copy of published C	CR or proof of publication)	6.23.22
□ Posted in public places (attach list of locations or list here)		
□ Posted online at the following address (Provide direct URL):		
I hereby certify that the Consumer Confidence Report (CCR) the appropriate distribution method(s) based on population s is correct and consistent with the water quality monitoring day of Federal Regulations (CFR) Title 40, Part 141.151 – 155. Here is a Harris and Name	erved. Furthermore, I certify that the	information contained in the report
SUBMISSION OP	TIONS (Select one method ONLY)	
You must email or mail a copy of the CCR, Ce the MSDH, Burea	rtification, and associated pro au of Public Water Supply.	of of delivery method(s) to
Mail: (U.S. Postal Service) MSDH, Bureau of Public Water Supply P.O. Box 1700	Email: water.reports@n	<u>nsdh.ms.gov</u>

2021 Annual Drinking Water Quality Report Town of Silver City PWS#: 0270007 June 2022

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to providing you with information because informed customers are our best allies.

If you have any questions about this report or concerning your water utility, please contact Robert A Hairston at 662.247.4043. We want our valued customers to be informed about their water utility. If you want to learn more, please join us at any of our regularly scheduled meetings. They are held on the first Tuesday of the month at 4:00 PM at the Town Hall.

Our water source is from wells drawing from the Sparta Sand Aquifer. The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for our system have received lower to moderate rankings in terms of susceptibility to contamination.

We routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2021. In cases where monitoring wasn't required in 2021, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It's important to remember that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) – The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) – The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000

				TEST RESU	LTS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL/MRDL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganio	c Contam	inants						
10. Barium	N	2019*	.0094	.00610094	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries erosion of natural deposits

13 Chromium	N	2019*	2.5	2.5 – 2.4 – 2.5		ррь	100		100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2018/20*	.1	0	3	ppm	1.3	AL=	= 1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2019*	.123	.121123	F	ppm	4		4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2018/20*	0	0	F	opb	0	AL	=15	Corrosion of household plumbing systems, erosion of natural deposits
20. Nitrite (as Nitrogen)	N	2021	.24	No Range	F	ppm	1		1	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium	N	2019*	99000	75000 - 99000	F	PPB	0		0	Road Salt, Water Treatment Chemicals, Water Softeners and Sewage Effluents.
Disinfecti	on By	-Produc	ts							
81, HAA5	N	2018*	5	No Range	ppb	(0	60		Product of drinking water nfection.
Chlorine	N	2021	.6	.28	mg/l	(MR	DL = 4		er additive used to control robes

^{*} Most recent sample. No sample required for 2021.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. For the sample period January 1 – December 31, 2021, we did not monitor for Volatile Organic Contaminants (VOCs) and therefore cannot be sure of the quality of your drinking water during that time

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1,800,426,4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline 1.800.426.4791.

The Town of Silver City works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

THE BELZONI BANNER

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2021 Annual Drinking Weter Quality Report Town of Saver City PWS#: 0270007 June 2022

We're pleased to present to you mis year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we delived by our every day. Our concurs gould in to provide you with a safe and dependable supply of firming water. We went you to understand the efforts we make to obtain ally incrove the water treatment process and provide our water resources. We are committed to ensuring the quality of your water.

If you have any questions about this report or concerning your rester utility, preses contact Dump Powel at 662 952.7725. We want our valued customers to be informed about their validity utility if you went to learn more, please attend any of our regularly echeculed meetings. They are held on the first Truestay of earn morth at 4,00 Per all their their or the first Truestay of earn morth at 4,00 Per all their their control or the first their their control or th

Duy water source is from wells channing from the Sparts Band Aquifier. The source water assessment has been completed for our public water system to determine the overall superpolity of as determine supply to identified potential access of contemination. As recort containing of breaked information on from the susceptibility determinations were made has been behaviored to our public water system and is available for serving soon requisit. The website or consystem have received lower susceptibility brivings to commendation.

We routinely monitor for contaminants in your drinking water eccording to Federal and State laivs. This table below falls all of the christing water eccording to Federal and State laivs. This table below falls all of the christing water contaminants that we directly during a specific of January 1° to December 1° 2021, in tables when the monitoring water required in 2021, in tables when the monitoring water required in 2021, the sales when the monitoring water required in 2021, the sales when the monitoring water required in 2021, the sales when the monitoring water required in 2021, the sales when the monitoring water required in 2021, the sales when the property of sales water wat

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מישני השניחס	Yolapen Y/%	Collected	Level Detected	Range of Detects or # of Samples Exceesing MCL ACL	Measure Measure	MCLG	MGL	Likely Source of Contem-spton
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10 Banum	N.	259	2005	5005 - 0006	Sipm	. 3		discharge from metal redination; srosion of natural
13 Orienset	N	20151	41	1-:1	216	100	150	Discharge from stant and pulp mide. protein of natural respects
14 Cooper	74	2011/201	2.	0	100	1.3	AL=13	Corrolion of household plumbing systems; eroeion of historial deposits, leaching from wood preservatives.
15 Flooride	IN	21/64	14:	No stange	DEM	4.	-4	Eroson of tracural deposits waster additive which promotes altrong teeth; decharge from ferdater and aluminum
17 Load	^	2018/201	3	5	ppo		ALV15	Compains of household stumping systems, erosion of natural deposits
Soder	N	20151	80000	78000-80000	12.0	.0.	2	Riad Sat, Water Treatment Chemicals Weller Softeners and Develope Effuents

Disinfection By-Products

\$1 HAA5	1.41	2019"	14	- No Range	, pps	D D		By-Product of driming water description
82 TTHM	N	20191	22	, No Range	pipo	(\$)	20	Disposal of the and water chartegory
Chlonne	ži.	2021	- 5	3 - 8	Mg	1 MO	RL = 4	Water adobye used to corrol

emed tribugh our moratoring and testing that some contaminants have been detacted however the EPA has determined that your FE at these levels

We are required to monitor your donling water for specific constituents on a monthly basis, Results of regular monitoring, are an indic whether or not our drinking water meets health standards. During January 1, 2021 — December 31, 2021 we dish complete monitor or VOCs at the required locations and therefore cannot be sure of the quality of our driving water during that time.

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				TEST RI	ESU	LTS					
Contaminant	Y/N Y/N	Collected	Level Detected	Range of Detect # of Sample Exceeding MCLIACLANC	0	Medium -merit	MC	3.0	MC		Lawly Source of Contention
Inorganic	Contai	minants									
10 Bartum	26	2017	.0094	J0011 - 2094		Sabara		2		3.7	Discharge of drilling wastes discharge from metal refined entered of natural reposits
13 Greomure	N	ZDTF	2.5	25-24-25		ppb	1	00	1	100	Dauharge from steel and pur milk, exterior of natural deco
14 Copper	N	(2018/20*	1	0		<u>इंद्रमत</u>		3	ALm		Corrosion of household plumbing systems, erosion o return! deposits, leaching fro and present sections.
18 Fluorice	74	2018	123	121 - 123		pem		4.		11	Enterior of natural decosts, water additive which promote strong team, decharge from feetibale and surroum feeti-
17 Lead	М	2016/201	D	0		ppb.		9	AL,	75	Common of household plumbing systems, eroson o hatural deposits.
hidrogen)	N.	A. 100	24	No Rarge		ppm		1		- 1	Report from furtilizar use secting from septic tenks tenking, erosion of natural deports.
Socian :	N	20195	\$6000	75000+55000		FP9		D		-11	Final Sult, Wither Treatment, Overnoate, Water Softeners, Sevage Diffuents
Disinfecti	on By-I	Product	S								
01.1946	N.	20187 1	1	yo Range	000		0.				foduct of droving weller.
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* Many record species for specify required the 2011

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